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(71) Applicant (for all designated States except US): STFI Box 5604, S-114 86 Stockholm (SE).	[SE/SI	
(72) Inventors; and (75) Inventors/Applicants (for US only):   IOHANSSON,	HAN	<u>S-</u>
(74) Agents: STEFAN, Lennefors et al., AB Stockholms P. Zacco & Bruhn, Box 23101, S-104 35 Stockholm		rà,

(54) Title: METHOD OF DETERMINING AN ILLUMINATED SURFACE

## (57) Abstract

Method determining surface illuminated by incident light. First the intensity (I1(x,y)) of light reflected from the surface is recorded in a first image of the surface. After this, the intensity (I<sub>2</sub>(x,y)) of light reflected from the surface is recorded in a second image of the surface, taken at a different angle of illumination. Only the diffusely reflected light is recorded. difference between the recorded intensities of the first and the second images is determined to obtain a representation that emphasises variations in gradient of the surface. This representation is further processed by signal-adapted integration to a topographic description, that is, a height function of the surface.

